



AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

1-32. (Canceled)

33. (Currently Amended) An elongated tubular body suitable for use within a human body which has a cylindrical wall defining an inner lumen therein, which is formed of a superelastic alloy consisting essentially of about 30 to about 52% titanium, from greater than 0 to about 10% of one or more elements selected from the group consisting of cobalt, chromium, iron, and copper in a stable austenite phase, and the balance of nickel, wherein said superelastic alloy: transforms from an austenite phase to a martensite phase upon the application of stress in an amount greater than ~~[[50]]~~ 70 ksi; exhibits a recoverable strain of at least about 4% from the application of stress which transforms the austenite phase to the martensite phase; and has been fabricated by a thermomechanical processing treatment which includes a final cold working and a memory imparting heat treatment.

34-35. (Canceled)

36. (Currently Amended) The tubular body of claim ~~[[35]]~~ 33 having an outer diameter of about 0.006 to about 0.05 inch and a wall thickness of about 0.001 to about 0.004 inch.

37. (Previously Presented) A tubular body for use within a lumen of a human body, comprising: a cylindrical shaped tubular member including a cold worked alloy of

titanium, nickel, cobalt, and chromium, and having a wall thickness of about 0.001 to 0.004 inch and an outer diameter of about 0.006 to 0.05 inch.

38. (Previously Presented) A tubular element for placement within a lumen of a human body, comprising:

a hollow tubular shaped element having an inner lumen extending therein, and including an alloy of titanium, nickel, cobalt, and chromium, said alloy further comprising an element selected from the group consisting of palladium, platinum, and niobium, wherein the alloy is cold worked.

39. (Previously Presented) The tubular element of claim 38, wherein the alloy is cold worked about 10% to about 40%.

40. (Previously Presented) The tubular element of claim 38, wherein the hollow tubular shaped element has an outer diameter of about 0.006 to 0.05 inches.

41. (Previously Presented) The tubular element of claim 38, wherein the hollow tubular shaped element has a wall thickness of about 0.001 to 0.004 inch.

42. (Previously Presented) The elongated tubular body of claim 33, wherein said thermomechanical processing treatment imparts a final cold working ranging from about 10 to about 70%.

43-60. (Canceled)